

# Recombinant Ciliary Neurotrophic Factor (CNTF) Instruction Manual

## SIPA010Hu01

### Homo sapiens (Human)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Cytoplasm
<b>Predicted Molecular Mass</b>	26.5kDa
<b>Accurate Molecular Mass</b>	29kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ala2~Met200 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	6.3
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

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AFTEHSPLT PHRRDLCSRS IWLARKIRSD LTALTESYVK HQGLNKNINL  
DSADGMPVAS TDQWSELTEA ERLQENLQAY RTFHVLLARL LEDQQVHFTP  
TEGDFHQAIH TLLLQVAAFA YQIEELMILL EYKIPRNEAD GMPINVDGG  
LFEKKLWGLK VLQELSQWTV RSIHDLRFIS SHQTGIPARG SHYIANNKKM
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### USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

### STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## Image

Q T D S S T A N G Q M T A L G T E E T E T G G R V C H S T G D S T E T T G H O T F G A F A G C Q A G C H A T E T T C G C F T C F M D T F D G G R A T T G L Q G L T A T F G L T G T T G T G A G T A G A D G E G T T Q M T G C  
A F T E H S P L T P H E R D I C S R S I W I A R K I R S D I L T A L T E S T V K H Q G L W K N I N I D S A D G W P T A S T D Q W S E L T E A E R I L Q E N I Q A T R T F F V I L L A R L I E D Q Q V H F T P T E G

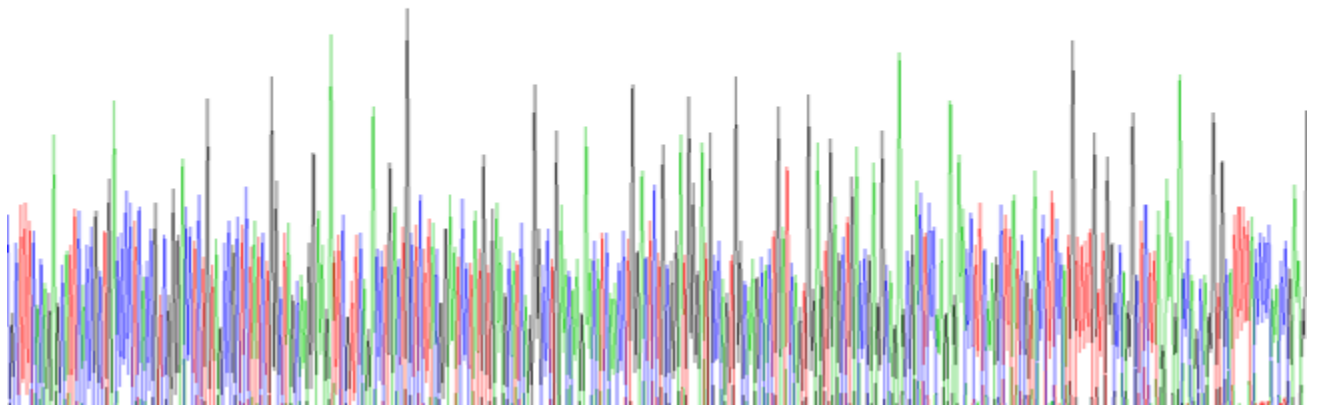


Figure. SDS-PAGE

## **[IMPORTANT NOTE]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.